

FIG. 1



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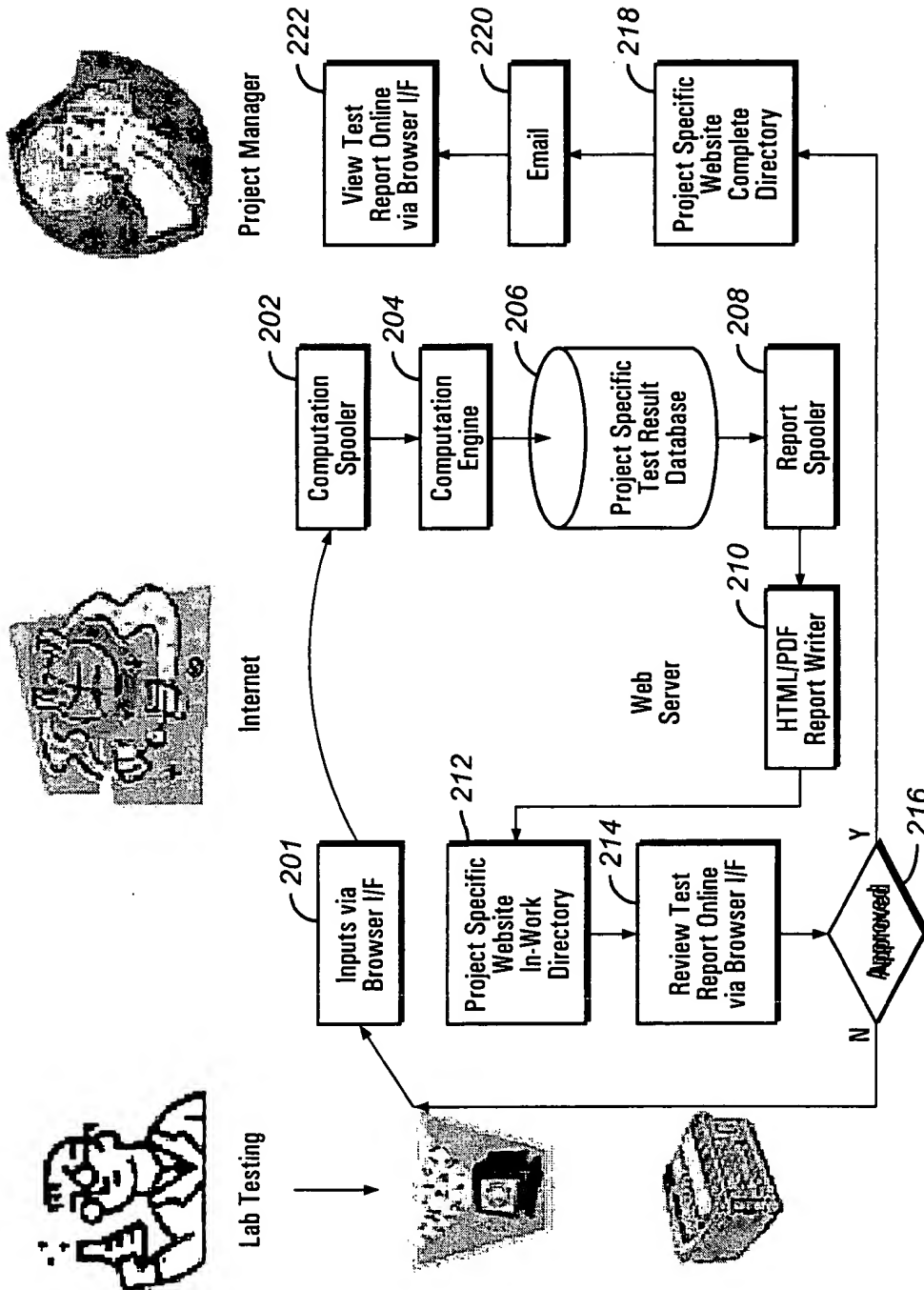


FIG. 2



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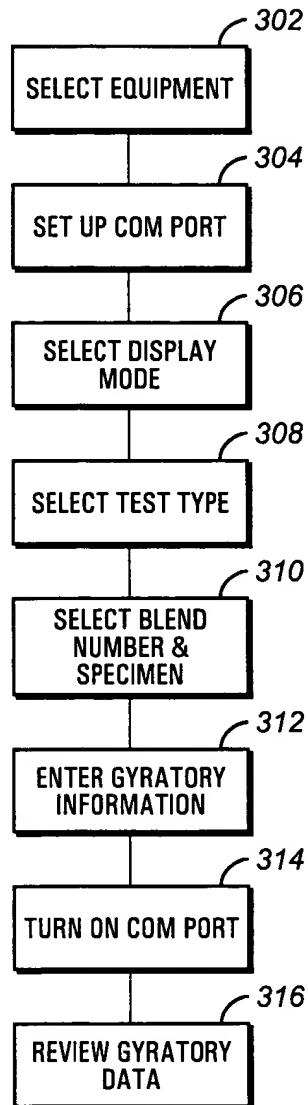


FIG. 3A

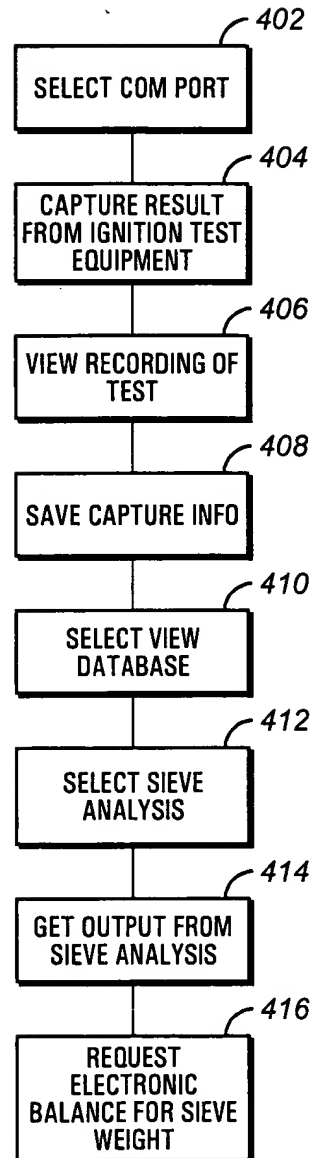
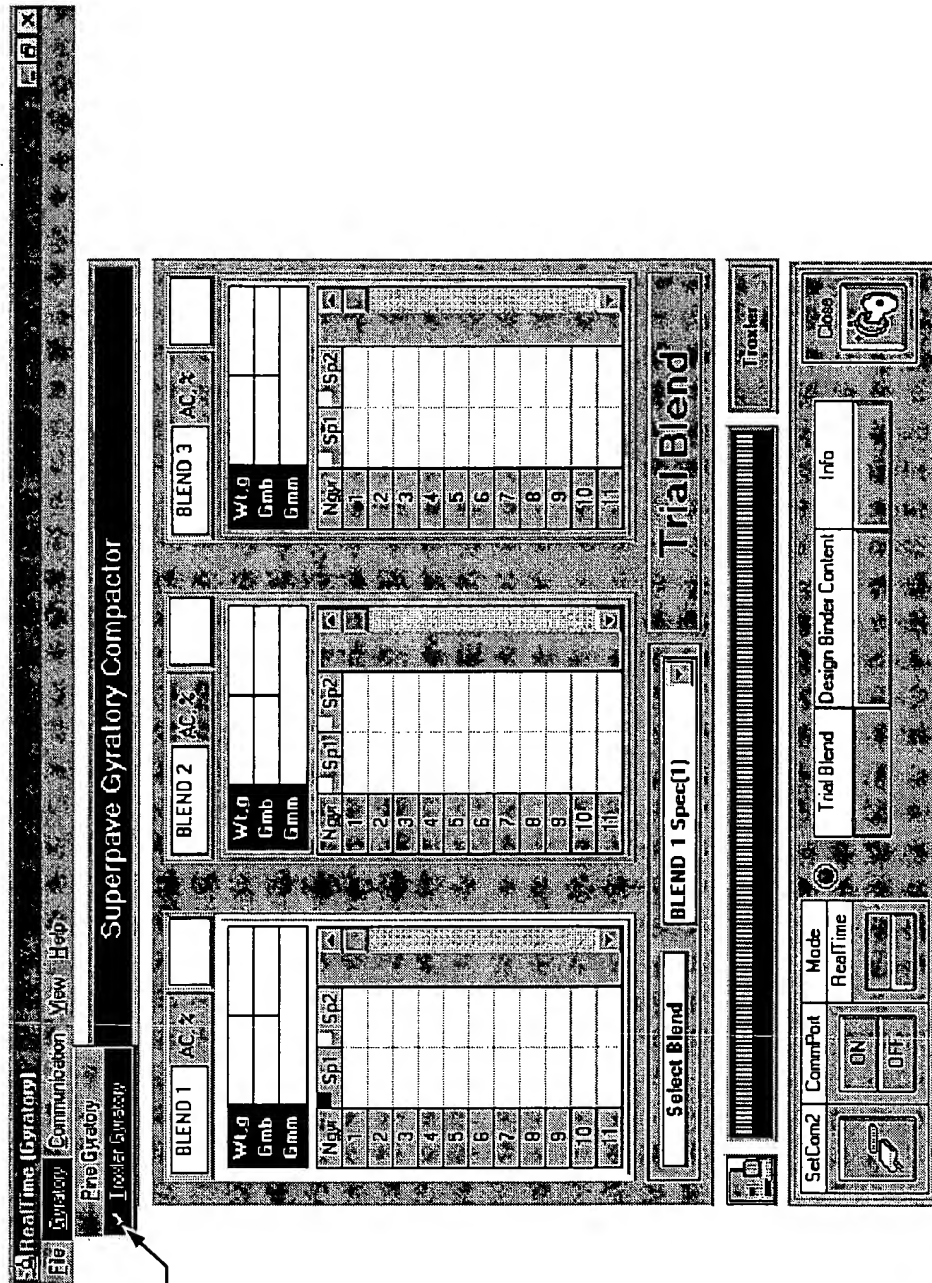


FIG. 4A



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Click on the Gyratory
and select the type used.

FIG. 3B

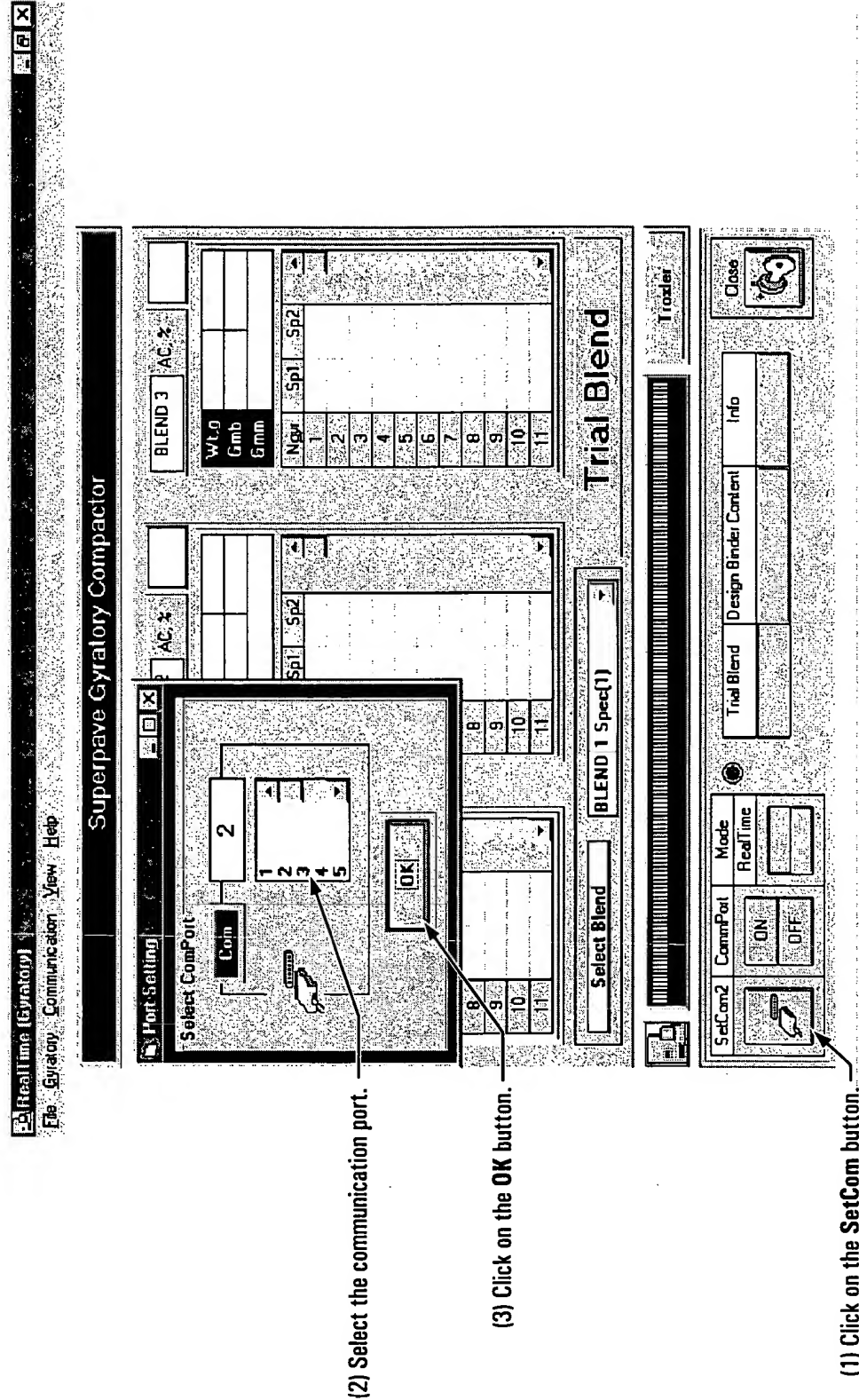


FIG. 3C



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RealTime (Gyratory) Edit Gyratory Communication View Help

Superpave Gyratory Compactor

BLEND 1	AC %	BLEND 2	AC %	BLEND 3	AC %
Wt-g		Wt-g		Wt-g	
Gmb		Gmb		Gmb	
Gmm		Gmb		Gmb	
Ngr		Ngr		Ngr	
Sp1		Sp1		Sp1	
Sp2		Sp2		Sp2	
1		1		1	
2		2		2	
3		3		3	
4		4		4	
5		5		5	
6		6		6	
7		7		7	
8		8		8	
9		9		9	
10		10		10	
11		11		11	

Select Blend

BLEND 1 Spec(1)

Trial Blend

Loader

Close

SetCam2 CommPort Mode RealTime

ON OFF

Trial Blend Design Binder Content Info

(3) Select the blend number and specimen number (Sp 1 or 2).

(1) Select the display mode: Real Time or Import.

(2) Select the test type: Trial Blend or Design Binder Content.

FIG. 3D



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(4) Click on the File and Save As to save the result

File Edit View Help

Superpave Gyratory Compactor

BLEND 1 AC: % 4.5

Wt. g	4800	4850
Gmb	2.315	2.325
Gmm	2.561	

Nom	Sp1	Sp2
1	137.7	
2	135.7	
3	134	
4	132.5	
5	131.2	
6	130.1	
7	129.1	
8	127.4	
9	127.4	
10	126.7	
11	126.1	

BLEND 2 AC: %

Wt. g		
Gmb		
Gmm		

Nom	Sp1	Sp2
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

BLEND 3 AC: %

Wt. g		
Gmb		
Gmm		

Nom	Sp1	Sp2
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

Select Blend

BLEND 1 Spec(1)

Trial Blend

Transfer

SetCom2

CommPort

Mode

RealTime

ON

OFF

Info

Close

When it is ready to run a test,

- (1) Click on the INFO button to enter the information. (or after a test)
- (2) Click on the Comm Port switch: ON to turn it on.
- (3) Review and check data.

FIG. 3E



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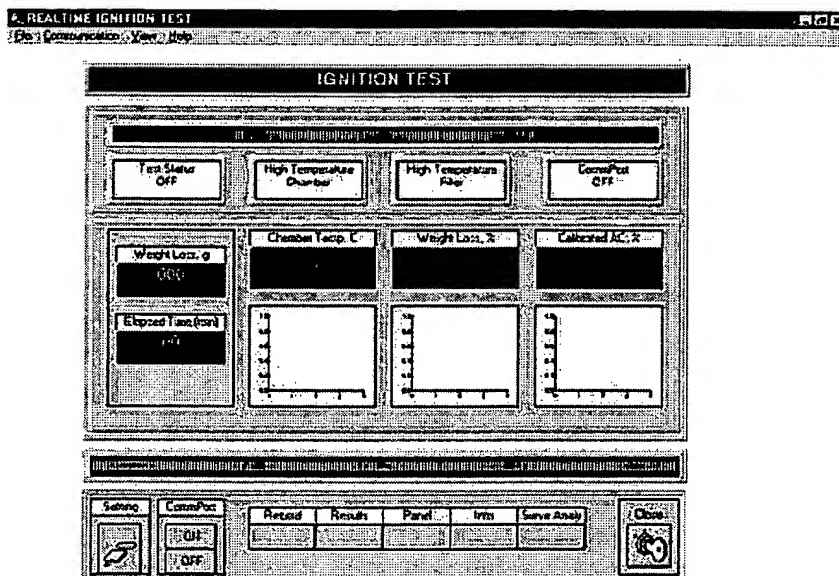


FIG. 4B

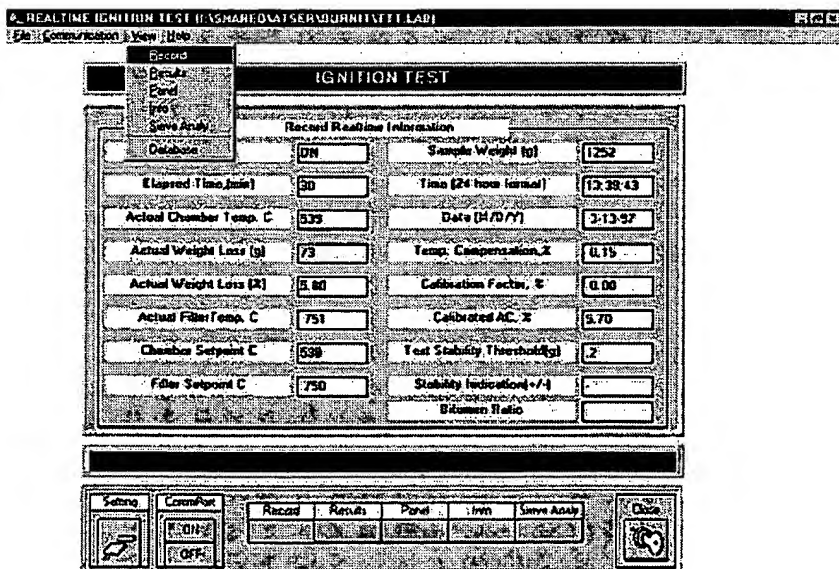


FIG. 4C



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REALTIME IGNITION TEST (J. MOHNCHUCK, LAG)

File Communication View Help

View
Open
Save
Save As
Exit

Save To Database

Exit

	1	2	3	4	5
IGN/OFF	OFF	OFF	OFF	OFF	OFF
Time (min)	0	0	0	0	0
Chamber Temperature (C)	539	544	545	546	47
Filter Loss (g)	0.0	0.0	0.0	0.0	0
Actual Weight Loss (g)	0.00	0.00	0.00	0.00	0.0
Actual Filter Temperature (C)	704	700	712	717	71
Chamber Setpoint (C)	540	540	540	540	54
Filter Setpoint (C)	750	750	750	750	75
Sample Weight (g)	1033	1039	1039	1039	101
Time (24 hrs (now))	16:43:01	16:44:00	16:45:00	16:46:00	16:4
Date (M/D/Y)	02-10-00	02-10-00	02-10-00	02-10-00	02-11
Temperature Compensation (Z)	0.00	0.00	0.00	0.00	0.0
Calibrated Factor (Z)	0.00	0.00	0.00	0.00	0.0
Calibrated Asphalt Content (Z)	0.00	0.00	0.00	0.00	0.0
Test Stability Threshold (g)	.01	.01	.01	.01	.0
Stability Indication (+/-)					

Setting Transfer

OK OFF

Record Results Panel Data Save Away

Close

FIG. 4D

REALTIME IGNITION TEST (J. MOHNCHUCK, LAG)

File Communication View Help

Database

Test No	Test Status (ON/OFF)	Elapsed Time (min)	Actual Chamber Temperature (C)	Actual Weight Loss (g)	Actual Filter Temperature (C)	Chamber Setpoint (C)
5	ON	30	5.8	73	5.8	751
4	ON	30	5.8	73	5.8	751
3	ON	30	5.8	73	5.8	751
2	ON	30	5.8	73	5.8	751
1	ON	30	5.8	73	5.8	751

OK

Setting Comp/Pan

OK OFF

Record Results Panel Data Save Away

Close

FIG. 4E

